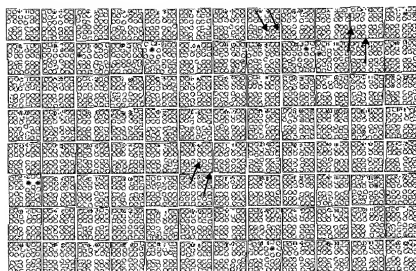
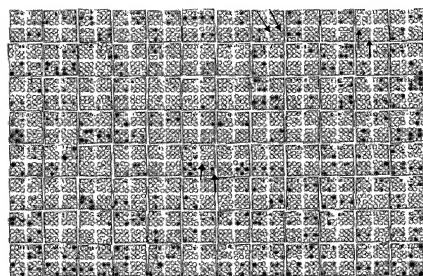


Figure 1

A



B



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Figure 2

Differentially expressed genes	intact skin	wound	intact skin	wound
	control animals	control animals	dexamethasone	dexamethasone
SW1368	1,00	148,90	0,70	181,50
SW1695	1,00	0,24	0,94	0,61

Differentially expressed genes	intact skin	wound	intact skin	wound
	young mice	young mice	old mice	old mice
SW1368	1,20	170,70	0,80	204,60
SW1695	0,44	0,07	0,65	0,10

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Figure 3

Differentially expressed genes	intact skin	wound	intact skin	wound
	control mice	control mice	diabetic mice	diabetic mice
SW1368	1,00	561,60	2,20	284,40
SW1695	1,00	0,07	1,01	0,08

Figure 4

No.	NAME	PROTEIN-MOUSE*	Seq ID No.	PROTEIN-HUMAN*	Seq ID No.	CDNA-MOUSE*	CDNA-HUMAN*
1.	SW1368	SEQ ID No. 1	1	SEQ ID No. 2	2	SEQ ID No. 5	SEQ ID No. 6
2.	SW1695	SEQ ID No. 3	3	SEQ ID No. 4	4	SEQ ID No. 7	SEQ ID No. 8

*: SEQ ID numbers of the sequence listing

Figure 5

1 MNQT-----[LNSSG]-----[VESALNYSRGSTVHTAYLVLSLAWTCLCGMAGNSMV] Hum_sw1368
1 MGESNGEAPLAFKTSASPTAPVTTNPMDETLPGSINIRIIPKLMIIIFGLVGLMGNALIV Mouse_sw1368
49 IWLGLFRMHRNPFCIYILNLAADLLFLFS-[MASTLSLETQPLVNTTDDKVHEI]-MKKILM Hum_sw1368
61 FWLLGFHLRRAFSVYILNLAADLLFLFSI[ASTLR]LKVSYSI---IFHL[CFNTT]M Mouse_sw1368
104YFAYTVGLSLTAISTQRCUSVLFPIWFKCHRPRHL[SAWYCGLLWTLCLMNGLTSSPCS] Hum_sw1368
118MVVYITGISMISAI[TEQCISVLCETWYRCHRPVHTSTVMCAVIMVLSLI]CIN[NSYFCA] Mouse_sw1368
164KFI-[KFNEDE]-CFRVDMVQALIMGVITPVMTLSSLTLFVWVRSSQQWRRQPTRLFVVV Hum_sw1368
178VLHTRYDN[NEGLATNIFT]ASYMIFLIV-[VLCSSA]LARLFCGAGQ--MKLTFHVTI Mouse_sw1368
224LASVLVFLICSLPLSIYFVLYWLSLPPEMQVI---[CFSTSRSLSSSVSSANPVIYFLV] Hum_sw1368
234[LTLLVFI]LGLHFVLYCIIHF--KIKDDFHVLDVNLYLA[FV]TA-[INSCANP]IYFFV Mouse_sw1368
280GSRSSHRLPTRSLGTVLQQALREEPE-----[LEGGETPTVGTNEMG]-----A Hum_sw1368
292GSEH-[HQLKHQT]KMWLQSAIQDTPE[TAENMVEMSSNKAEPG]GHVYPYDVPDYA Mouse_sw1368

All boxed mouse sequences exactly match the human sequence Hum_sw1368.

Figure 6

1 MDPTTPAWGTESTTVNGNDQALLLLCGKETLLPVPFLILFIALVGLVGNCFVLWLLGFRMR Hum_sw1695
 1 MNDISSLGIYIIARNGSSYTNSVDQFFKIQVMGFLSLIFSPVGMINTSTVLWFLGLGFQILR Mouse_sw1695
 61 RNAFSVYVLSLAGADFLFLCFQIINCLVYLSNFFCSISINFPSEFTTVMTCAYLAGLSMI Hum_sw1695
 61 RNAFSVYIINLAGADFLFIHSQF--IIFYILALIFHSIFQIFIFDMLTKFAYISGLSIL Mouse_sw1695
 12 STVSTERCLSVLWPIWYRCRRPRHLSAVVCVLLWALSLLLSILEGKFCGFLFSDGDSGWQ Hum_sw1695
 11 STISIERCIQVWPIWYRCRRPRHTSSVTDSELLWALSILFALIDGMGCGILFHSFQOSWC Mouse_sw1695
 18 QTDFELTAAWLIIFLEMVLCGSSLALI-VRILCGSRGLPLTRLYLTILLTVLVELLCGLPF Hum_sw1695
 17 LKFDIICAWSIIVLFVVLGSSSIHPTCXRIFCGSQOIHVTRLYVTIALTVISFIICQLPF Mouse_sw1695
 24 GIQWFLILWIWKSDSVLFCHTHPVSVVLSLNSANPIIYFFVGSFRKQWRLLQOPIILKLA Hum_sw1695
 23 GISM-IQWSETLIYVGFQDYFHEELFLSCINSCANPIIYFLVGFIRQRKQOKSLKVL Mouse_sw1695
 30 LQRALODIAEVDHSEGCFCRQGPPEMSRSSLV Hum_sw1695
 29 LQRAWEITPFEENEDMGPSRNPFEFETVCSN Mouse_sw1695

All boxed mouse sequences exactly match the human sequence Hum_sw1695.

Figure 7

	intact skin	1 h wound	day-1 wound	day-5 wound	day-14 wound
Rel. human SW1368 Expression	1,00	1,79	1,82	1,59	5,21

Figure 8

Target gene	intact skin ulcer	wound edge of ulcer patients	wound ground of ulcer patients
human SW1368	1,00	0,00	1,74
human SW1695	1,00	0,00	0,00